



B

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Applicants : LeRoy Dickson et al.  
Application Serial No.: 08/943,288  
Filing Date : October 3, 1997  
Title : COMPACT HOLOGRAPHIC LASER SCANNER HAVING  
MINIMIZED HOUSING DIMENSIONS DETERMINED BY  
SCANNING DISC AND BEAM FOLDING MIRROR  
PARAMETERS  
Examiner : Thien Le  
Group Art Unit : 2876  
Attorney Docket No. : 108-001USANK0

Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

**AMENDMENT UNDER RULE 312(a)**

SIR:

Prior to payment of Issue Fee in the present Application, please amend the same as follows:

**AMENDMENT TO THE CLAIMS:**

Please amend Claims 69 and 70 as follows:

Claims 1-68 (canceled)

Claim 69 (currently amended): A holographic laser scanner comprising:

a scanner housing having width, length and height dimensions, and a scanning window;

a plurality of ~~lasers~~ laser beam sources for producing a plurality of laser beams;

a holographic scanning disc, rotatable about an axis of rotation, and supporting a plurality of holographic optical elements for scanning and focusing said plurality of laser beams so as to produce a plurality of scanning planes;

a plurality of beam folding mirrors disposed about said holographic scanning disc, for directly folding said plurality of scanning planes in a direction above said holographic